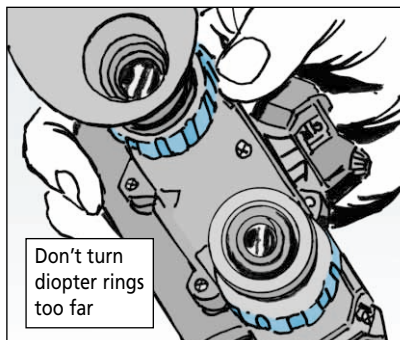


Diopter Pins Broke? Work It Won't!

OK, let's focus on the problem with AN/PVS-7B and AN/PVS-7D night vision goggles. The problem at hand is focus! Or, rather, a lack of focus due to busted diopter adjustment ring pins.

If you break a diopter ring pin, your night vision goggles are kaput until you get the ring fixed. And a lot of pins are being broken by heavy-handed adjustments.

The ring adjusts for the sharpest image possible in a range of +2 to -6 diopters. This represents about half a turn of the ring.



But some of you want more. You keep adjusting when there is no place to adjust to! It's not long until the pins in the ring that define the stopping points are busted. Then it's impossible to hold focus.



So here's the rule: When the ring stops turning, stop turning it!



Make sure you're not taking bad rings to the field. Before you head out, do Item 4 in Table 2-2 of the Before/After PMCS in TM 11-5855-262-10-2. **But be careful!** In some cases, pins are being broken during the checks!

Unit repairmen, if you find diopter rings with broken pins, check the warranty expiration date on the warranty label on the front of the goggles. If your NVG is still under warranty, you're covered. If your NVG is out of warranty, you may be in luck. Certain older NVGs are covered under an extended warranty—good until the end of December. For more details on the extended warranty contact Lance Fujita at: DSN 654-1610 or (703) 704-1610; or e-mail him at: lance.fujita@nvl.army.mil.

If your NVGs and rear cover assemblies are still under warranty, or if they are covered under the extended warranty, follow the warranty return instructions in Section 1-7 of TM 11-5855-262-23&P-2.



To get a replacement rear cover assembly when the broken NVG is out of warranty, order a replacement through your normal supply channels.



Don't try to piece together components of different rear cover assemblies to make one good assembly. There are several types of rear covers and they are not compatible with each other. You'll just create more problems. Wait until your new rear cover assembly arrives to use the NVG.